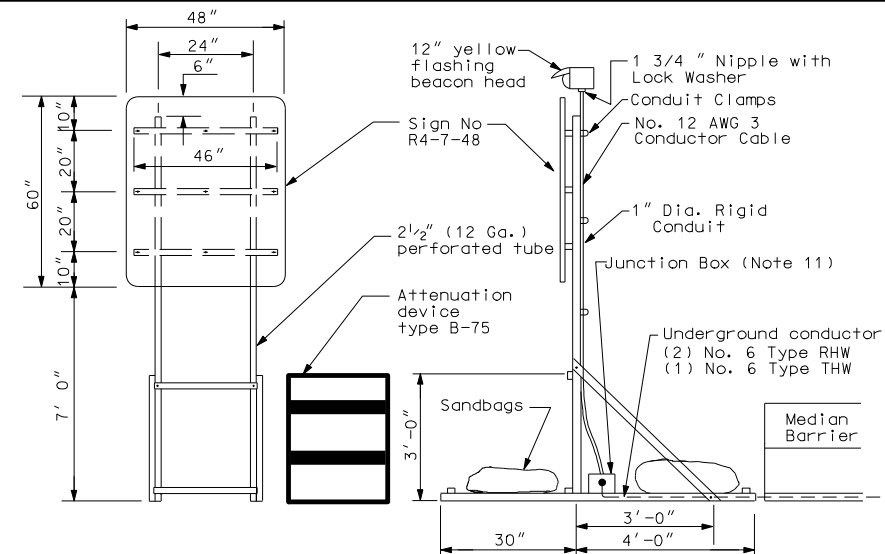


TRAFFIC CONTROL SYSTEM (FOR ROADWAYS WITH 75 MPH SPEED LIMIT) MEDIAN CROSSOVER 800 FT TRANSITION

Notes

- Variables
S = Numerical value of, posted speed limit, or off-peak 85th percentile speed prior to work starting, or the anticipated operating speed in mph.
W = Width of offset in feet.
L = Taper length in feet. Speeds 40 mph or less $L = WS^2/60$. Speeds 45 mph or greater $L = WS$.
- Mounting-Barricade shown to be placed on roadway shall be on a moveable assembly. Sign to be mounted on barricades shall be mounted with the sign bottom on the top of the top barricade bar. sign shown to be placed on the roadway shall be placed on moveable assemblies.
- Delineator drums, used for tapering traffic and for tangents shall be spaced as shown.
- Signs R4-1-48, W6-3-48 and W20-52-54 shall be installed at one mile increments and after each interchange.
- The speed limit sign shall be placed only if the crossover is over 1 mile from an interchange exit ramp.
- Sequencing Arrow Panels
Panels should normally be placed at the beginning of the taper. Where shoulder width does not provide sufficient room, the panel should be moved closer to the work area so that it can be placed on the roadway surface.
Type A shall be used on roadways with slow moving traffic speeds and low volume (25 mph and 750 ADT or less)
Type B shall be used on roadways with moderate traffic speeds and volumes (40 mph and 5000 ADT or less)
Type C shall be used on roadways with high traffic speeds and volumes (over 40 mph and 5000 ADT)
- Existing speed limit signs within a reduced speed zone shall be covered.
- Obliterated or covered pavement marking shall be paid for as Obliteration of Pavement Marking. The covering shall be approved by the Engineer.
- The contractor has the option of using portable sign supports in lieu of post mounted sign as shown on the standard drawings as specified in section 704.03 C.
- When placing the traffic control devices, speed reductions will be necessary. These reduced speed areas shall have the "Minimum Fee \$80" sign placed below the speed limit sign. The "Work Zone Speed Limit Enforce" sign in advance of the project shall be placed at the time the traffic control devices are installed.
- Junction box shall be attached to skid or vertical brace assembly. Junction box shall be weatherproof. Size to be determined by the contractor.



TYPE III BARRICADES
3 Each
FLASHING BEACON
1 Each
FLEXIBLE DELINEATORS
5 Each
DELINEATOR DRUMS
17 Each
ATTENUATION DEVICES
1 Each - Type B-75

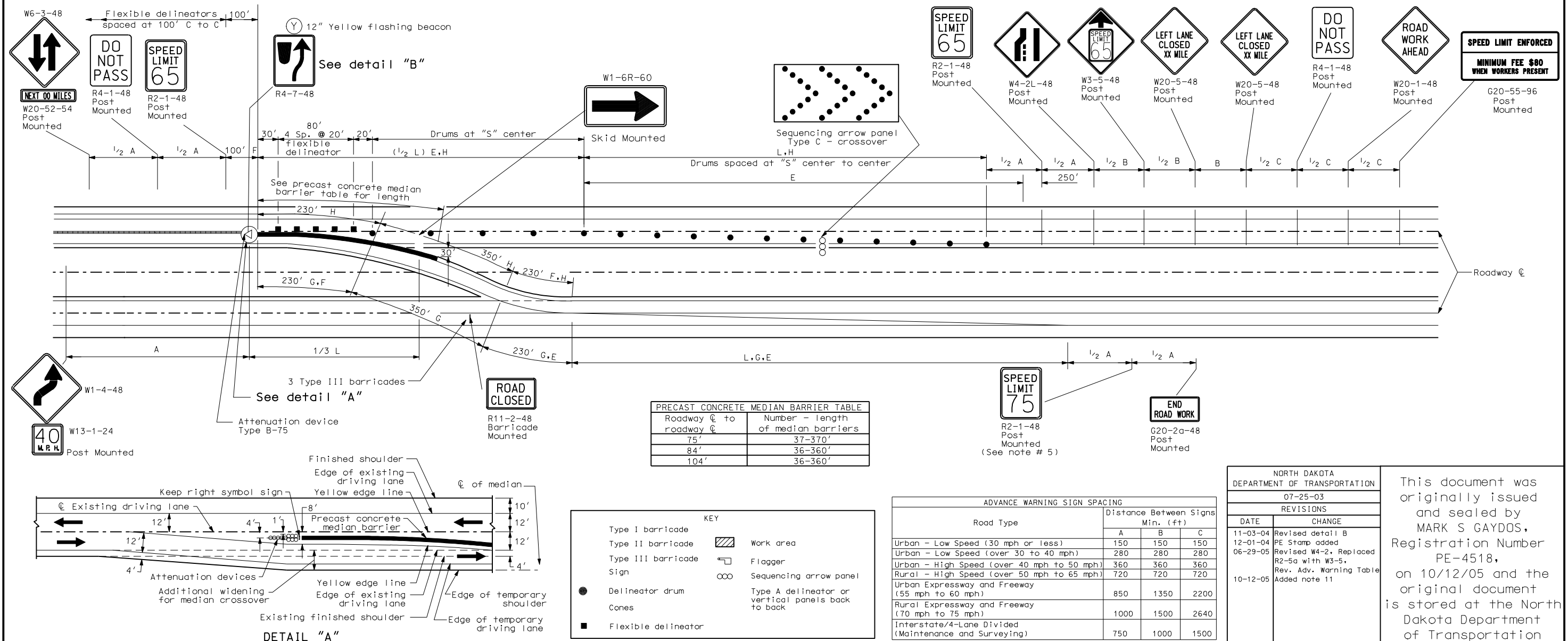
SEQUENCING ARROW PANEL TYPE C-CROSSOVER
1 Each
PORTABLE PRECAST CONCRETE MEDIAN BARRIER
See precast concrete median barrier table
RAISED PAVEMENT MARKERS
(White) 331 Each
(Yellow) 415 Each
OBLITERATION OF PAVEMENT MARKING
410 SF

LEGEND

- E Obliteration of pavement marking (10' line, 30' skip, centerline)
F Obliteration of pavement marking (edge lines)
G Raised pavement markers (white) 5' ctrs.
H Raised pavement markers (yellow) 5' ctrs.

Conductor shall be placed behind barricade away from traffic and tied at each barrier connection and draped above the ground.
Between barrier and pole the conductors shall be placed a minimum of 6" underground.

DETAIL "B"



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| NORTH DAKOTA DEPARTMENT OF TRANSPORTATION | |
| 07-25-03 | |
| REVISIONS | |
| DATE | CHANGE |
| 11-03-04 | Revised detail B |
| 12-01-04 | PE Stamp added |
| 06-29-05 | Revised W4-2. Replaced R2-5a with W3-5. |
| 10-12-05 | Rev. Adv. Warning Table Added note 11 |

This document was originally issued and sealed by MARK S GAYDOS, Registration Number PE-4518, on 10/12/05 and the original document is stored at the North Dakota Department of Transportation